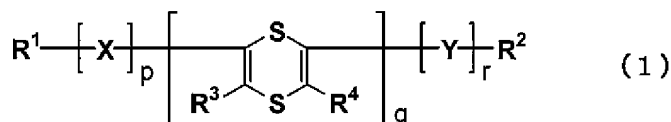


AMENDMENT TO THE CLAIMS

1. (Currently Amended) A charge transport organic material comprising a compound of the general formula(1) having a 1,4-dithiin ring

~~—[Chemical Formula 1]~~



[[(] wherein R^1 , R^2 , R^3 and R^4 independently represent hydrogen, a hydroxyl group, a halogen group, an amino group, a silanol group, a thiol group, a carboxyl group, a sulfonic acid group, a phosphoric acid group, a phosphoester group, an ester group, a thioester group, an amido group, a nitro group, a monovalent hydrocarbon group, an organooxy group, an organoamino group, an organosilyl group, an organothio group, an acyl group or a sulfone group, X and Y independently represent at least one member of substituted or unsubstituted, divalent conjugated units selected from aniline, thiophene, furan, pyrrole, ethynylene, vinylene, phenylene, naphthalene, anthracene, imidazole, oxazole, oxadiazole, quinoline, quinoxaline, pyridine, pyrimidine, pyrazine, phenylenevinylene, fluorene, carbazole, triarylamine, metal or metal-free phthalocyanine, and metal or metal-free porphyrin, two sulfur atoms contained in the dithiin ring may independently be in the form of an SO group or an SO₂ group, and p, q and r independently represent 0 or an integer of 1 or over provided that $p + q + r \leq 20$ is satisfied[()]].

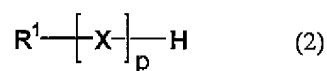
2. (Original) The charge transport organic material according to claim 1, further comprising an electron accepting dopant substance or a hole accepting dopant substance.

3. (Original) The charge transport organic material according to claim 1 or 2, wherein p, q and r in the general formula (1) satisfies that $3 \leq p + q + r \leq 10$.
4. (Previously presented) A charge transport varnish comprising a charge transport organic material of claim 1 and a solvent.
5. (Original) A charge transport thin film prepared by use of the charge transport varnish defined in claim 4.
6. (Original) An organic electroluminescent element comprising the charge transport thin film defined in claim 5.
7. (Withdrawn - Currently Amended) A method for preparing a compound having a 4-dithiin ring and represented by the formula (1) indicated hereinbelow, characterized by comprising:

the first step of reacting, in the presence of an acid catalyst, a compound of the formula

(2)

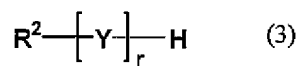
~~—[Chemical formula-2]~~



[[[(]] R¹ hydrogen, a hydroxyl group, a halogen group, an amino group, a silanol group, a thiol group, a carboxyl group, a sulfonic acid group, a phosphoric acid group, a phosphoester group, an ester group, a thioester group, an amido group, a nitro group, a monovalent hydrocarbon group or an organooxy group, X represents at least one member of substituted or unsubstituted, divalent conjugated units selected from aniline, thiophene, furan, pyrrole, ethynylene, vinylene, phenylene, naphthalene, anthracene, imidazole, oxazole, oxadiazole, quinoline, quinoxaline, pyridine, pyrimidine, pyrazine, phenylenevinylene, fluorene, carbazole, triarylamine, metal or metal-free phthalocyanine, and metal or metal-free porphyrin, and p is an 0 or an integer of 1 or over[[D]],

or a compound of the formula (3)

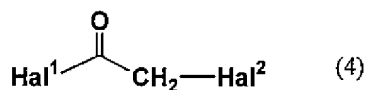
~~—[Chemical Formula 3]~~



[[[(]] wherein R² hydrogen, a hydroxyl group, a halogen group, an amino group, a silanol group, a thiol group, a carboxyl group, a sulfonic acid group, a phosphoric acid group, a phosphoester group, an ester group, a thioester group, an amido group, a nitro group, a monovalent hydrocarbon group or an organooxy group, Y represents at least one member of substituted or unsubstituted, divalent conjugated units selected from aniline, thiophene, furan, pyrrole, ethynylene, vinylene, phenylene, naphthalene, anthracene, imidazole, oxazole, oxadiazole, quinoline, quinoxaline, pyridine, pyrimidine, pyrazine, phenylenevinylene, fluorene, carbazole, triarylamine, metal or metal-free phthalocyanine, and metal or metal-free polyphyrin, and r is an 0 or an integer of 1 or over[[D]], and

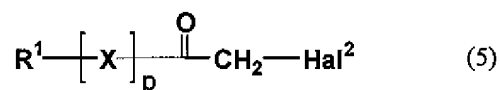
an acid halide represented by the formula (4)

~~—[Chemical Formula 4]~~



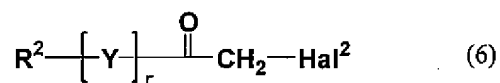
[[(] wherein Hal represents a halogen atom[[(]], thereby preparing an acyl compound represented by the formula (5)

~~—[Chemical Formula 5]~~



[[(] wherein R¹, X, p and Hal, respectively, have the same meanings as defined above[[(]], or the formula (6)

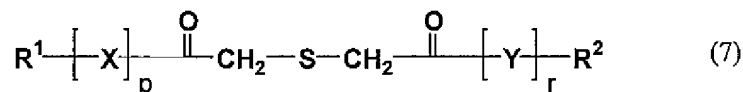
~~—[Chemical Formula 6]~~



[[(] wherein R², Y, r and Hal, respectively, have the same meanings as defined above[[(]];

the second step of subsequently reacting the acyl compound represented by the formula (5), the acyl compound represented by the formula (6) and an alkali metal sulfide to prepare a sulfide represented by the formula (7)

~~—[Chemical Formula 7]~~

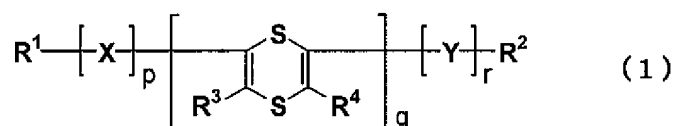


[[()] wherein R^1 , R^2 , X, Y, p and r, respectively, have the same meanings as defined above [()];

and

the third step of acting a thiocarbonyl reagent on the sulfide represented by the formula (7) for ring-closure, thereby preparing the compound of the formula (1) having a 1,4-dithiin ring

~~—[Chemical-Formula-8]~~

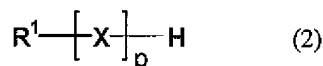


[[()] wherein R^1 , R^2 , X, Y, p and r, respectively, have the same meanings as defined above, R^3 and R^4 independently represent hydrogen, a hydroxyl group, a halogen group, an amino group, a silanol group, a thiol group, a carboxyl group, a sulfonic acid group, a phosphoric acid group, a phosphoester group, an ester group, a thioester group, an amido group, a nitro group, a monovalent hydrocarbon group, an organooxy group, an organoamino group, an organosilyl group, an organothio group, an acyl group or a sulfone group, two sulfur atoms contained in the dithiin ring may independently be in the form of an SO group or an SO₂ group, and q is 0 or an integer of 1 or over provided that $p + q + r \leq 20$ is satisfied.

8. (Withdrawn - Currently Amended) A method for preparing an acyl compound of the formula (5) or (6) indicated hereinbelow, ~~characterized by~~ comprising:

reacting, in the presence of an acid catalyst, a compound of the formula (2)

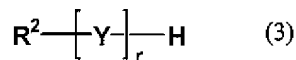
~~[Chemical Formula 9]~~



[[(] wherein R^1 represents hydrogen, a hydroxyl group, a halogen group, an amino group, a silanol group, a thiol group, a carboxyl group, a sulfonic acid group, a phosphoric acid group, a phosphoester group, an ester group, a thioester group, an amido group, a nitro group, a monovalent hydrocarbon group or an organooxy group, X represents at least one member of substituted or unsubstituted, divalent conjugated units selected from aniline, thiophene, furan, pyrrole, ethynylene, vinylene, phenylene, naphthalene, anthracene, imidazole, oxazole, oxadiazole, quinoline, quinoxaline, pyridine, pyrimidine, pyrazine, phenylenevinylene, fluorene, carbazole, triarylamine, metal or metal-free phthalocyanine, and metal or metal-free porphyrin, and p is 0 or an integer of 1 or over[[)]], or

the formula (3)

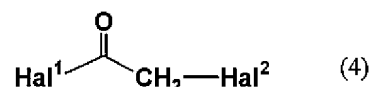
~~[Chemical Formula 10]~~



[[(] wherein R^2 represents hydrogen, a hydroxyl group, a halogen group, an amino group, a silanol group, a thiol group, a carboxyl group, a sulfonic acid group, a phosphoric acid group, a phosphoester group, an ester group, a thioester group, an amido group, a nitro group, a monovalent hydrocarbon group or an organooxy group, Y represents at least one member of substituted or unsubstituted, divalent conjugated units selected from aniline, thiophene, furan, pyrrole, ethynylene, vinylene, phenylene, naphthalene, anthracene, imidazole, oxazole,

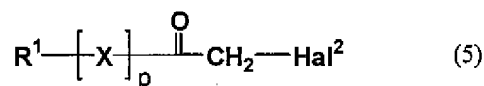
oxadiazole, quinoline, quinoxaline, pyridine, pyrimidine, pyrazine, phenylenevinylene, fluorene, carbazole, triarylamine, metal or metal-free phthalocyanine, and metal or metal-free porphyrin, and r is 0 or an integer of 1 or over[()]], and an acid halide of the formula (4)

[Chemical Formula 11]



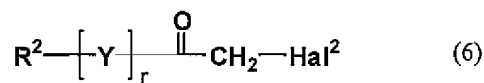
[[()]]wherein Hal represents a halogen atom[()], thereby preparing the acyl compound of either the formula (5)

~~[Chemical Formula 12]~~



[[()]]wherein R¹, X, p and Hal, respectively, have the same meanings as defined above[()], or the formula (6)

~~[Chemical Formula 13]~~

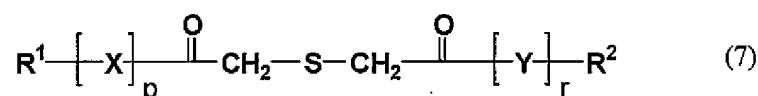


[[()]]wherein R², X, r and Hal, respectively, have the same meanings as defined above[()].

9. (Withdrawn) The method for preparing an acyl compound according to claim 8, wherein said acid catalyst is made of ethyl aluminium dichloride or diethyl aluminium chloride.

10. (Withdrawn - Currently Amended) A method for preparing a sulfide represented by the formula (7) indicated hereinbelow, ~~characterized by~~ comprising reacting the acyl compound represented by the formula (5), the acyl compound represented by the formula (6), both obtained in claim 8 or 9, and an alkali metal sulfide

~~[Chemical Formula 14]~~

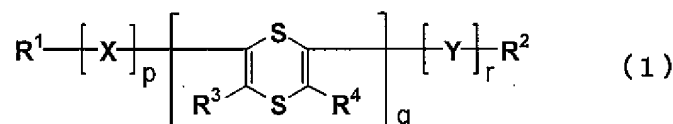


[[()] wherein R^1 , R^2 , X, Y, p and r, respectively, have the same meanings as defined above [()]].

11. (Withdrawn - Currently Amended) A method for preparing a compound having a 1,4-dithiin ring and represented by the formula (1) indicated hereinbelow, ~~characterized by~~ comprising reacting a thiocarbonylizing reagent on the sulfide obtained in claim 10 ~~obtained in~~ [10]

and represented by the formula (7)

~~[Chemical Formula 15]~~



[[()] wherein R^1 , R^2 , X, Y, p and r, respectively, have the same meanings as defined above, and R^3 and R^4 independently represent hydrogen, a hydroxyl group, a halogen group, an amino group, a silanol group, a thiol group, a carboxyl group, a sulfonic acid group, a phosphoric acid

group, a phosphoester group, an ester group, a thioester group, an amido group, a nitro group, a monovalent hydrocarbon group, an organooxy group, an organoamino group, an organosilyl group, an organothio group, an acyl group or a sulfone group, two sulfur atoms contained in the dithiin ring may independently be in the form of an SO group or an SO₂ group, and q is 0 or an integer of 1 or over provided that $p + q + r \leq 20$ is satisfied.

12. (New) The charge transport organic material according to claim 1, comprising 2,6-bis(2,2'-bithiophenyl)-1,4-dithiin.

13. (New) A charge transport varnish comprising a charge transport organic material of claim 12 and a solvent.

14. (New) A charge transport thin film prepared by use of the charge transport varnish defined in claim 13.

15. (New) An organic electroluminescent element comprising the charge transport thin film defined in claim 14.